

Diagnosis of Subvalvular Stenosis of the
Aorta, by M. V. Murav'yev, Yu. S. Petrosyan, 10 pp.

RUSSIAN, per, Grudnaya Khirurgia, No 3,
1961, pp 7-12.

NIH 10-19-63

Sci - Biol & Med Sci
Nov 63

243,560

Ways of Improving the Accuracy of Level Bombing, by
S. S. Murav'yev, 8pp.

RUSSIAN, no per, Vest Voz Flot, No 1, 1957.
CIA 602074

ATIC

USSR

51,980

Mil - Training

Sep 57

A Photoelectric Wattmeter, by V. Muravev, 3 pp.
UNCLASSIFIED

RUSSIAN, no per, Radio, No 8, 1952, pp 34-35.

ATIC F-TS-8112

USSR
Scientific - Electronics

6269

ATIC 82219

CIA 1901354

Oct 53 CTS

Engines for New ZIL Trucks, by A. Zuharev,
V. Kharav'yev, 8 pp.

RUSSIAN, per, Avto Transport, No 1, 1961,
pp 36-41.

ACSI I-1236
ID 2196102

Sci - Engr

198,217

31 May 62

Voice Spectrum Compression, by V. Murav'yev, 8 pp.

RUSSIAN, per, Radio, No 6, 1959, pp 37-40.

FDD/X-4039

USASIA SC-55/59

Sci
Jan 60

Variability of the Virulence of Stinking Smut in
Relation to the Passing of Its Developmental
Cycle Through Different Varieties of Wheat, by
V. P. Murav'ev, 3 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol XCVI, No 4, 1954, pp 857-859.

USRA
Sci Trans Center
RT-2985

Scientific - Biology

Jan 56 CTS/DEX

30,731

Generalized Equations for Calculation of Packed
Columns Under Various Hydrodynamic Conditions,
by V. V. Kafarov, V. S. Murav'yev, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 9,
1959, pp 1992-2000.

CB

Sci

Aug 60

124, 253

Mass Transfer in Packed Absorbers at the Point of
Phase Inversion, by V. V. Kafarnov, V. S. Muravyev,
5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 1, 1961,
pp 214-217.

CB

Sci

183,828

Mar 62

SOVIET WORKER CLAIMS THE CHINESE LEADERS SLANDER HIS
PARTY AND PEOPLE, BY VASILY MURAV'YEV, IN PP

RUSSIAN, NP, PRAVDA, 30 SEP 1963, P 3.

JPRS 21433

USSR
POL
OCT 63

344,869

(SF-1626)

Specific Action in Studying and Overcoming Religious
Survivals, by Ye. F. Murav'yev, Yu. V. Dmitriyev,
16 pp.

RUSSIAN, per, Voprosy Filosofii, No 3, 1961, pp 63-73.

JPRS 4667

USSR

See

Jun 61

154,485

Applicability Limit for Corrections in Testing Voltages
of High-Frequency Insulators with Respect to Relative
Air Density, for Reduction to Normal Atmospheric Con-
ditions, by G. Ya. Murav'yeva, 7 pp.

RUSSIAN, per, Radiotekhnika, Vol 14, No 7, Jul 1956,
pp 73-77.

AFIC F-78-10056/V

Sci. - Geophysics, Electronics

Nov 58

76, 838

The Production of a Highly Active Preparation of
Abomycin, by M. G. Brazhnikova, N. N. Lomakina
.. I. Murav'eva, 4 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 2,
1959, pp 24-28.

CB

164,470

Sci

Aug 61

Syntheses in the Series of Aromatic Derivatives
of Thiourea, by K. M. Muravyeva, T. P. Sycheva,
6 pp.

Full Tr

RUSSIAN, no par, ~~Engl. Chem. Abstr.~~ Vol XLVI,
No 3, 1976, pp 690-691.

Consultants Bureau

Sci - Chemistry
Jan 57 CTR

42, 517

The Influence of Twist on the Physical and Mechanical
Properties of Acetate Yarns, by V. A. Usenko, K. H.
Murav'yeva, 9 pp.

RUSSIAN, per, Iz Vysishikh Ucheb Zaved, Tekh Tekstil
Prom, No 1(14), 1960.

Textile Institute

Sci

May 62

193,041

Processing Soft-Twisted Acetate Yarn for Weaving, by K. N. Murav'yeva, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil Prom, No 2(15), 1960.

Textile Institute

Sci

May 62

193,024

Syntheses and Rearrangements in the Thiazoline
Imine Series I. The Condensations of Chloroacetone
and d-Chlorocyclohexanone with Symmetrical Diaryl -
and Arylacylthioureas,
by K. M. Murav'yeva, M. N. Shchukina, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 7, 1960,
pp 2327-2333.

CB 166, 584
~~324~~

Sci

Aug 61

Derivatives of Diazine Carboxylic Acids, by T. V.
Gortinskaya, K. M. Muravyeva, M. N. Shchukina,
4 pp.

RUSSIAN, no par, ~~Zhur Obshch Khim~~, Vol XXV,
No 12, 1955, pp 2313-2317. CIA 542770-C,
reel 4.

37,761

Consultants Bureau

Sci - Chemistry

Aug 56

Effect of Reduction in the Period of
Action of the Differentiation Stimulus
on Conditioned Reflexes in Different
Functional States of the Cerebral
Cortex, by N. P. Murav'yeva, 8 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel
imeni I. P. Pavlova, Vol IX, No 2, 1959,
pp 222-230.

PP

Sci

195,060

May 62

Pathological Irradiation of the Inhibition
Process, by P. S. Kupalov, N. P. Murav'yeva,
9 pp.

RUSSIAN, per, Zhur Vyshey Nerv Deyatel
nosti I. P. Pavlova, Vol IX, No 3, 1959,
pp 374-382.

FF

Sci

195,041

May 62

19,173

Disturbance of the Higher Nervous Activity
by Special Reduction of the Unconditional
Reinforcement,, by N. P. Murav'yeva, 18 pp.

RUSSIAN, bino per, Zhir Vysshay Nervnoy
Ispytaniy, Vol III, No 3, Moscow,
May/Jun 1953, pp 337-345.

CIA/FDD/U-6580

MED

Scientific - Medicine

19,173

Chemical Study of the Alkaloids of the Securinega
Semi-Shrub Securinega Suffruticosa (Pall.) Rehd.,
by V. I. Muravyeva, A. I. Bankovsky, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CX,
No 6, pp 998-1000. Sep/Oct 1956

Consultants Bureau

Sci - Chem

56, 676

Dec 57

Investigation of the Conversion Electron ~~XXXXXX~~
Spectrum of neutron-deficient Platinum Isotopes, by
L. N. Kryukova, V. V. Murev'eva, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 10, 1961, pp 1257-1265.

CTT

Sci

Oct 62

216,013

Concerning Doppler Broadening of the Lines Associated
With Conversion Electrons Emitted by Recoil Nuclei,
BY A. V. Onedich, L. N. Kryukova, V. V. Murav'eva,
V. S. Shpinal', V. I. Shumshurov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 7, 1958, pp 867-870.

Columbia Tech

Sci - Phys

Cat 59

99,348

Investigation of Electron Focussing in a Spiral-Orbit
Spectrometer, by A. V. Gnedich, L. N. Kryukova,
V. V. Murav'eva, V. I. Shumshurov, 5 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 6, 1958,
pp 41-46.

Instru Soc of Amer

Sci

Apr 60

114,056

Relative γ -Transition Probabilities in Strongly
Deformed Nuclei, by A.V. Gnedich, L.N. Kryukova,
V.V. Muravyeva, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXXVIII, No 3, 1960, pp 726-728.

AIP
Sov Phys - JETP
Vol XI, No 3

Sci
Nov 60

132,823

Epizootiological Characteristics of the Tularemia Focus
of the Northern Part of the Volga-Aktyubinsk River
Valley and the Prophylactic Measures Conducted There,
by H. S. Yamolova, B. G. Val'kov, Z. I. Muravyeva.
P. A. Kartushin, V. A. Mikhaleva.

RUSSIAN, bk, Tezisy Doklady Mezhnstitutskoy
Nauchnoy Konferentsiy po Zabolevaniyam a Prirodnoy
Ochagovost'yu, Posvlashchenoy 50-lettiu Tomskogo
Nauchno-Issledovatel'skogo Instituta Vaktsin i
Syborotok 19-22 Noyabrya 1956 g, 1956, pp 71-73.
#972192

USDA

129,811

Sci - Med

Oct 60

Polish Metalworking Machine Tools on Foreign
Markets, by Halina Murawska, 3 pp.

POLISH, paper, Rynki Zastaniczne, No. 126,
Warsaw, 21 Oct 67, p. 3.

JETS 44,243

EE(Poland)

Economic

Feb 68

350,982

Halina Murawska

12
Machine-Building Industry in CEMA Countries,
by Halina Mikrowala, 3 pp.
POLISH, op. Kraje Socialistyczne: Gospodarka i
Handel, 21 Jul 1964, pp 87, 88, p IV.
JPRS 26193

EE-Poland
Econ
Sep 64

266,371

215
Serum Hemoglobin in Hepatocellular Degeneration, by K. Margnath, I. Waid, 5 pp.
POLSK, per, Polska Akademia Medycyny
Wenecja, Vol XXXII, No 8, 1962.
XITS 63-11409/4
PL-480

Sci - Biol & Med Sci
Apr 64

257,576

Regarding the Influence of Ultraviolet Irradiation
Upon Antigen. (Horse Serum, Eggwhite)., by S.
Kitamura, M. Murayama, 5 pp.

GERMAN, per, Klin Wochschr, Vol XVI, 1937, pp 88-90.

S.L.A. Tr 57-397

Sci - Biology
Jun 57/CTS

49,005

136
Pressure Waves Produced by the Large Nuclear
Explosions in 1961-1962, by Nobuhiko MURAYAMA,
25 pp.
JAPANESE, per, Kashu Jike, Vol 15, No 3, 1963,
pp 1-14.
AEC H&J Tr-31

Nobuhiko MURAYAMA

332,175

Sci - Physics
Jul 67

113
Toughness of Steel and Behavior of Hydrogen in
Steel (11) Numerical Consideration of Hydrogen
Diffusion from Steel and Its Toughness, by
S. Murayama,
JAPANESE, per, Tetsu-to-Hagane, Vol 41, 1955,
pp 1044-1047.
ACRSTI TT 70-57185

Sci-Mat
June 70

S. MURAYAMA

Polarography of Tri- and Tetrathionate Ions,
by S. Murayama, 6 pp.
JAPANESE, per, Nihon Kagaku Zasshi, Vol. LXXIV,
No 5, 1953, pp 349-352.
ATB-86N76J

S. Murayama

Sci - Chem
Jul 66

305,815

Murayama, S., Ueshita, K., and Salto, M.
THE BALL-DROP TEST AS A RAPID METHOD OF
MEASURING THE CBR. [1961] [12]p. 1 ref.
Order from SLA \$1.60 61-20099

Summary trans. of [Doboku Gakkaiishi] (Japan) 1959,
v. 44, no. 1, p. 9-13.

DESCRIPTORS: *Pavements, *Soils, Test methods,
Density, Trafficability, Load distribution, Founda-
tions (Structures).

The CBR-value of a subgrade can be determined im-
mediately by measuring the diameter of the depression
produced on the surface of a subgrade by dropping a
spherical ball from a certain height. The testing
method is related to ordinary CBR-tests by theoret-
ical and experimental studies. This method can also
be used to measure the dry density and the traffica-
bility of a soil. (Author)

61-20099

I. Murayama, S.
II. Ueshita, K.
III. Salto, M.

208305

(Engineering--Civil, TT, v. 7,
no. 10) Office of Technical Services

Formation Process of BaTiO₃ Thin Films
Evaporated in Vacuum, by Y. Murayama.
JAPANESE, per. Oyo Butsuri, Vol 33, No 7,
1964, pp 456-460.
ATS JS-149

~~103~~
103

Y. Murayama

Sci-Phys
Feb 69

373.852

c The Use of Splenectomy in Hemolytic Anaemias, by
F. E. Fainshtein, R. I. Murazian, 8 pp.

RUSSIAN, per, Problemy Gematologii i Pere-livaniya
Krovi, Vol. V, No. 1, 1960, pp 46-52.

Pergamon Press

Sol
Aug 60

126,790

40
Tactics of the Transfusion Treatment of Burn
Shock, by R. I. Murazyan, L. I. Gerasimova,
8 pp.

RUSSIAN, per, Problemy Gematol i Perelivan
Krovi, Vol IX, No 4, 1964, pp 37-42.
JPRS 25377

Sci - Biol

Jul 64

263,262

A Cytological Study of Indole Derivatives in the Hemo-
poietic Cells, by E. I. TERENTIEVA, A. I. ZOSIMOVSKAYA,
R. I. MURAZYAN, 5 pp.

RUSSIAN, per, Problemy Gematol i Perelivaniya Krovi,
Vol V, No 12, 1960, pp 14-18.

PP

165,543

Sci

Aug 61

(NY-1374/23).

The Blood Substitute Polyglucin, by V. B.
Koziner, R. I. Murazyan, 7 pp.

RUSSIAN, per, Voyenno-Med Zhur, No 6, 1959.

JPRS 2549

Sci - Med
Oct 60

129,691

The Intramedullary Use of Penicillin in
Compound Fractures of the Bones of the
Extremities, by R. I. Murazyan

RUSSIAN, mo per, Voenno Med Zhur, No 9,
Moscow, Sep 1958, pp 63-64

US JPRS/NY 1108

*Sci-Med
Jan 59*

79,646

S-536/60

(NY-4594)

The Activity of the Properdin System in Burn
Disease, by R. I. Murazyan I. L. Chertkov, 7 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVI, No 5, 1960,
pp 77-81.

JPRS 5557

Sci - Med

Oct 60

129,007

TT-63-24484

Murchakova, A. F. and Mishchenko, A. S.
THE STERNAL MARROW AND PERIPHERAL BLOOD
PROTEINS OF HEALTHY PERSONS. [1963] [7p] Grefe
FASEB Manuscript no.: S 225-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24484

Trans. of Laboratornoe Delo (USSR) 1962, v. 6,
no. 11, p. 15-17. (Abstract available)

DESCRIPTORS: *Bone marrow, *Blood proteins,
Blood chemistry, *Globulins, Electrophoresis.

The total protein of the serum of the sternal marrow
refractometrically exceeds the serum protein of the
peripheral blood on the average by 0.4 g%. It was shown
by paper electrophoresis that the albumin content in the
sternal marrow is lower than in the blood, on the aver-
age by 3.8%. The content of α - and γ -globulins in the
sternal marrow, on the contrary, was greater than that
in the blood by 1.8 and 1.4% respectively. The differ-
(Biological Sciences--Physiology. TT, v. 11, no. 6)

(over)

- I. Murchakova, A. F.
- II. Mishchenko, A. S.
- III. FASEB-S-225-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Some Biochemical Indices of Corpus Bone Marrow, by
A. F. Marchalisen, 8 pp.
RUSSIAN, per, Problemy Gematologii i Perelivaniya Krovi,
Vol IX, No 1, 1964, pp 31-33.

JPBS 23603

Sci - Med
Mar 64

251, 775

The Blood Prothrombin in the Treatment of
Polycythemia and Leukemias with Radioactive
Phosphorus and X-rays, by A.F. Murchakova

RUSSIAN, no per, Voenno Med Zhur, No 8,
Moscow, Aug 1958, pp 28-31

US JPRS 1030-N

Sci - Med

Dec 58

78,200

the Use of Polarography for Continuous and Automatic
Control of Laboratory and Production Processes, by
Ya. I. Tur'yan, A.M. Murenkov, 8 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 5, 1961,
pp 507-516.

ISA

Sci
Mar 62

194, 165

Development of Grain and Industrial Crops in
Rumania, 1944-1964, by N. Ionescu, T. Muresan,
7 pp.
RUMANIAN, per, Probleme Agricole, Vol XVI,
No 8, 1964, pp 15-22.
JPRS 26820

Sci - Agri
Oct 64

268,641

CREATIVE COOPERATION BETWEEN AGRICULTURAL
PRACTICE AND SCIENCE, BY TIBERIU MURESAN, 5 PP.

ROMANIAN, PER, AGRICULTURA NOUA, VOL IX, NO 908,
8 JAN 1963, PP 1, 4.

JPRS 18876

SCI - AGRI

MAY 63

228,885

61-19538

Mureshanu, A.
A CONTRIBUTION TO THE PICTURE OF THE
PATHOMORPHOLOGICAL CHANGES IN HISTO-
PLASMOSIS. THE FIRST CASES OF HISTOPLASMO-
SIS OBSERVED IN THE RUMANIAN PEOPLE' RE-
PUBLIC. [1961] 12p. (6 figs. omitted) 29 refs. [CWL]
Trans. 20; Misc Tr 431.
Order from OTS or SLA \$1.60

61-19538

Trans. of Arkhiv Patologii (USSR) 1956, v. 18, no. 7,
p. 84-92.

DESCRIPTORS: *Fungus infections, Rumania, Pathology

(Biological Sciences--Pathology, TT, v. 6, no. 3)

- I. Mureshanu, A.
- II. CWL Trans-20
- III. CWL Misc Tr-431
- IV. Army Chemical Corps,
Fort Detrick, Md.
- V. Title: First...

Office of Technical Services

TT-64-27272

Field 4B

Muretov, N. S.
ORGANIZACAO DO ESTUDO DOS FENOMENOS
DE CONGELACAO DOS CABOS ELECTRICOS (Orga-
nizatsiya Izucheniya Yavlenii Obledeneniya Provo-
dov). 6p. LNEC-T-209.
Order from LNEC: \$0.30 as LNEC T 209

Trans. in Portuguese of Meteorologiya i Gidrologiya
(USSR) n2 p49-52 1957.

I. Laboratorio Nacional de
Engenharia Civil,
Lisbon (Portugal)

European Translations Centre

Carrying out the Party Resolutions, by K. N.
Murga, 4 pp.

RUSSIAN, per, Vest Vos Flota, No 12, 1958,
pp 13-15.

Sci - Aeronautics **ATTC**
Aug 79

94, 978

84
Automatic Control Device for a Primary Engine,
by B. P. Murganov.

RUSSIAN, rpt. Ustroystvo dlya Avtomaticheskogo
Regulirovaniya Moshchnosti Pervichnogo Dviga-
telya .

*ACSI J-2703

ID 2204025167

B. P. Murganov

Sci-Energy Conversion

Jun 67

The Way of the October Revolution and the
National Particularities in the Socialist
Construction [Note], by C. Murgescu, 18 pp.

RUMANIA, no. per. Probleme Economice, No 11,
Nov 1957, pp 50-65

US JPRS/DC-29
CSO DC-50/3

39, 445

EEur - Poland

Pol

Mar 58

8

Some Observations on Book Dealing With
Economic Relations Among Socialist Countries,
by Costa Marquardt, 14 pp.
REDAKUNGAN, per, Viss Economics, Vol II,
No 22, 5 Jan 1964, pp 10, 11.
JPRS 25443

RE-Rumors
Rum
Jul 64

263,626

PSEUDOTHEORIES WHICH ATTEMPT TO DEPRIVE INDUSTRIALIZATION OF ITS ESSENCE, BY COSTIN MURGESCU, 7 PP.

ROMANIAN, PER, VIATA ECONOMICA, NO 1, 23 AUG 1963, P 11.

JPRS 22308

EE-ROMANIA

ECON
DEC 63

244,247

Murgia, Aldo.

MEDICAL USES OF SILICONES. [1962] 6p. 7 refs.
Order from SLA \$1.10 62-14403

Trans. of Minerva Chirurgica (Italy) 1954, v. 9
[no. 23] p. 1132-1134.

DESCRIPTORS: *Drugs, Silicon compounds, Skin,
*Ointments, *Antibiotics, *Healing, Surgery,
*Silicones.

In treatment of various ailments requiring protection of the skin from moisture or from contact with pathological fluids, or to prevent irritation or mortification, the use of silicone ointments fully meets the need. Even when a state of mortification is in progress their use (best with the type containing antibiotics) stops the mortification process in a short time, sometimes within 24 hours, and causes it to regress, thus facilitating spontaneous healing of the skin (Biological Sciences--Pharmacology, TT, v. 8, no. 7)
(over)

62-14403

I. Murgia, A.

Office of Technical Services

On Certain Properties of the Moments of
the Impulse Response of a Linear and
Stable System, by A. Lepschy, N. Murgo,
A. Ruberti. 66

CZECH, per. Elettrotecnica, Voi 50, No
11, 1963, pp. 706-18.
NFC 69-11659-09C

Sci-Search Sci
July 69

386,651

M. Murgo

Continued Increase in the Export of Chemical Products, by
N. Margu, 6 pp.

ROMANIAN, per, Revista de Chimie, No 10, 1963, pp 619-620.

JPRS 23512

EE-Romania
Econ
Jan 64

243, 547

The Personality of the Tuberculous Patient, by
D. L. Murguía, 3 pp

ITALIAN, per, Bol. Comision Honoraria Lucha
Antituberculosa, Vol II, No 3, Feb 1948, pp
4-5

Sci-Medicine
Mar 58

SLA 2904

61,593

^C
PERSPECTIVES FOR SCIENTIFIC RESEARCH IN ROMANIA, BY
I. MIRELESCU, 19 PP.

ROMANIAN, PER, LIPTA DE CLASA, NO 8, 1963, PP 23-35.

JPRS 21391

SCI-HIS
OCT-63

345,027

Thermodynamic Properties of Binary Mixtures of Molten
Salts. Determination of the Thermodynamic Activity
From the Electromotive Force of Concentration Cells,
by I. G. Murgulescu, D. I. Marchidan, 15 pp.

ROMANIAN, per, Studii Cercetari Chim, Vol VII,
1959, pp 461-473. 9093519

AEC Tr-5106

Sci - Chem
Jul 62
List 70

204, 717

ABSTRACT

The Determination of the Transference Numbers
For Fused Thallium (I)-Nitrate, by I. G.
Murgulescu, D. Popar.

GERMAN, per, Zeitschrift fuer Physikalische
Chemie, Vol CCXIX, Nos 1-2, May 12, 1961,
pp 134-139. 9205007

AEC-Tr-5570

Sci - Chem

Apr 63

~~226,859~~
226,859

Thermodynamics of Binary Systems of Molten Salts From
Concentration Cells, by I. G. MURGULESCU, D. I.
MARCHIDAN, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 11, 1960,
pp 2534-2542.

Cleaver-Hume Press

Sci

Aug 61

165, 504

FIFTY YEARS OF ACHIEVEMENTS IN THE FIELD OF
EDUCATION, BY ILIE MARGULESCU, 8 PP.

ROMANIAN, NP, GAZETA IMBATANINTULUI, VOL XIII,
NO 488, 28 DEC 1962, PP 1-2.

JPRS 18073

EEUR - ROMANIA

SDC

NA R 63

224,917

SUPPLYING THE NATIONAL ECONOMY WITH TRAINED
CADRES, BY ILIE MIRONULESCU, 18 PP.

ROMANIAN, PER, PROBLEME ECONOMICE, VOL XV,
NO 12, 1962, PP 151-165.

JPRS 18073

KEUR - ROMANIA
SOC
MAR 63

224,918

(100-1000)

The Progress of Education and Culture in the
Light of the Decisions of the Third Congress of
the PCR, by Ilie Margulescu, 13 pp.

RUMANIAN, per, Revista de Pedagogie, No 4,
1961, pp 15-27.

JPRS 10567

EEur - Rumania

Soc

Nov 61

174

174

(DC-4490)

Great Perspectives for Higher Education in
Rumania, by Ilie Murgulescu, 6 pp.

RUMANIAN, per, Viata Studenteasca, Vol V, No 13,
Bucharest, 10 Aug 1960, pp 1, 5.

JPRS 6164

ESur - Rumania

Soc

Oct 60

131,054

Condensation of Dimethylvinylcarbinol with Phenol in
the Presence of Phosphoric Acid and Askanite, by
A. I. Kakhiashvili, T. Lomiya, I. Marguliya, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XIV, No 1,
Jan 1955, pp 117-119. CIA D 151342

Consultants Bureau

Scientific - Chemistry

24,542

Jun 55

Forward Properties of A p-n Junction at High
Current Densities, by G. M. Avak'yants,
V. I. Margyn, 6 pp.

RUSSIAN, per, Radio i ⁶Elek, Vol VIII, No 10,
1963.

IEEE

Sci

Sept 64

267,092

Index to Murian
Luminescence in the North Sea, by V. V. Murian.

RUSSIAN, per, Priroda, No 12, 1954, pp 116.

Navy 1712/HO 22

Sci - Geophys

May 58

Navy Tr 1712/HO 22

64,831

Radiochemical Study of ~~Deep~~ Deep Spallation and
Fission of Tantalum by 680-MeV Protons, by
V. I. Baranovskiy, A. N. Murin, et al, 8 pp.

RUSSIAN, per, Radiokhim, Vol IV, NO 4, 1962,
pp 470-478.

CB

Sci
Apr 64

255,029

Diffusion of Silver and Bromine Ions in Solid
Silver Bromide, by A. Murin, Yu. Taush, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951,
pp 579-581.

CIA/FDD/X-1084

Chemistry
Scientific - ~~SECRET~~ CPS/DEX

5579

Calculation of Yield Cross Sections for Spallation
Reactions, by V. I. Baranovskiy, A. N. Murin, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXV, No 7, 1961, pp ~~XXXXXX~~ 882-892.

CTT

Sci
Sep 62

210,678

An Investigation of the Chemical Conditions
of Radiophosphorus in Crystals of Potassium
Chloride Irradiated With High-Energy Protons,
by A. N. Murin, S. N. Banasevich, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim.
Nauk, No 8, 1961, pp 1433-1436.

CB

Sci

Jul 62

202,701

Electrical Conductivity and Self-Diffusion of
Silver in Argentous Iodide at High Pressures,
by A. N. Marin, B. G. Lar'ev, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 11,
1961, pp 3299-3305.

AIP
Sov Phys - Solid State
Vol III, No 11

Sci

202,899

Jul 62

Diffusion of Calcium Ions in NaCl+CaCl₂ Mixed Crystals,
by A. N. Murin, S. N. Banasevich, Yu. S. Grushko, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 8, 1961,
pp. 2427 - 2433

AIP
Sov Phys - Solid State
Vol III, No 8

192,505

Sci

TRI 62-131

Use of the Chemical Changes Accompanying Beta-Decay
of RaE for the Synthesis of Organic Compounds of
Polonium, by A. N. Murin, V. D. Nefedov, V. Zaitsev.
M.

RUSSIAN, rpt, Chemical Effects of Nuclear
Transformations, Proceedings of a Symposium, Vol II,
October 24-27, 1960, pp 183-187. 7091160

AEC Tr-6149

Sci - Nuc Phys
Feb 62

Study of Isotopic Exchange in Systems Containing Silver
Halides, by A. V. ^N ~~Murin~~, B. G. Lur'ye, 8 pp.

RUSSIAN, ~~for~~, Zhur Georg Khim, Vol II, No 8, 1957,
pp 1051-1955.

ABC-tr-4058

PL-480

Sci

Apr 61

145,258

PST No 85

Diffusion of Impurities in an Infinite Slab, by,
A. N. Murin, G. P. Samosyuk, ~~pp~~ 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2, 1961,
pp 342-349.

AIP
Sov Phys-Solid State
Vol III, No 2
166, 030

Sci

Aug 61

Technetium - Element 43, by A. N. Murin, V. D.
Nefedov,

RUSSIAN, per, Uspekhi Khim, No 2, 1961, pp 274-291.

Cleaver-Hume Press

Sci
May 62

194,723

Diffusion and Electrolytic Migration of P^{32} in
KCl Crystals Irradiated with 660 Mev Protons, by,
A. N. Murin, B. G. Lur'ye, S. N. Banasevich,
-67 7pp-

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2,
1961, pp 398-407.

AIP
SOV Phys-Solid State
Vol III, No 2

166,036

Sci
Aug 61

Neutron-Deficient Isotopes of the Rare Earth Element
Forming as a Result of Spallation of Ta Under Bombard-
ment with 660 Mev Protons - Part II., by G. M.
Forodinskii, A. N. Murin, V. N. Polkovskiy, E. K.
B. K. Preobrazhenskii, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz Vol XXI,
No 12, 1957: pp 1624-1632.

Columbia Tech

Sci - Phys

Feb 59

82,233

S-122/60

(NY-3657).

The Separation of the Nuclear Isomers of
Tellurium, Mercury and Tin, by A. N. Marin, V. D.
Nefedov, Ye. N. Sinotova, O. V. Larionov, 6 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol VIII, No 1,
1958, pp 181-183.

JPRS 2666

Sci - Chem
May 60

116,417

Decay of Tm¹⁶⁸, by V. I. Kochevanov, A. R.
Kuznetsov, A. N. Murin, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XXIII, No 12, 1959, pp 1442-1446.

Columbia Tech

Sol
Feb 61

138, 106

Neutron-Deficient Isotopes of the Rare
Earth Elements Forming as a Result of
Spallation of Ta under Bombardment with
660 Mev Protons. Part I, by G. M.
Gorodinskiy, A. N. Murin, V. N. Pokrov-
skiy, B. K. Preobrazhenskiy, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXI, No 7, 1957, pp 1004-1012.

Columbia Tech

Sci - Physics

Oct 58

75,378

Mass Numbers of 52-Day Gadolinium and 4.3-Day
Europium Isotopes, by G. M. Gorodinskiy, A. E.
Murin, V. N. Pokrovskiy, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 7, 1958, pp 811-814.

Columbia Tech

Sci - Phys

Oct 59

99,336

TP 311

MURIN A. N., NEFEDOV V. D.

Concentration of artificial radioactive isotopes of elements
of groups IV and V by the method of recoil atoms

"Primenenie mechenykh atomov", 75-78 , 1955

English

E u r a t o m

Concentration of Artificial Radioactive Isotopes
of Groups IV and V by the Method of Recoil Atoms,
by A. N. Murin, V. D. Nefedov, 6 pp.

RUSSIAN, bk, Primenenie Mechenykh Atomov v Anal Khim,
Imeni V. I. Vernadskogo, 1955, pp 75-78.

AEC UCRL Tr-552(L)

Sci - Nuc Phys
Mar 62
Lab 63

³
183, 436

Diffusion of Radiogenic Gases From Minerals, by
A. N. Murin, S. N. Benasevich, 6 pp.

RUSSIAN, Geokhimiya, No 10, 1962.

Geochem Soc

Sci -
Sep 63

344,725

Mass Numbers of Neutron-Deficient Terbium Isotopes,
by V. I. Baranovskiy, A. N. Murin, V. N. Pokrovskiy,
I. A. Yutlandov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 7, 1958, pp 808-810.

Columbia Tech

Sci - Phys

Oct 59

99,338

Lutetium Isotope With Mass Number 173, by G. M.
Garodinskiy, A. N. Murin, V. N. Pokrovskiy,
B. K. Prigobrazhenskiy, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 7, 1958, pp 818-820.

Columbia Tech

Sci - Phys

Oct 59

99,339